

WHAT IS CLAIMED IS:

1. A voltage control apparatus for a vehicle generator comprising:

an input terminal for inputting a voltage of a battery
5 through an ignition switch and a light emitting element
connected in series with said ignition switch and driven by a
low dissipation power,

a rotor coil of said vehicle generator started in
excitation when a voltage at said input terminal exceeds a
10 predetermined value, and

a resistor for limiting a current flowing through said
light emitting element disposed between an element within said
voltage control apparatus for driving said light emitting
element and said input terminal.

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2. A voltage control apparatus for a vehicle generator comprising:

an input terminal for inputting a voltage of a battery
through an ignition switch and a light emitting element
20 connected in series with said ignition switch and driven by a
low dissipation power, and

a rotor coil of said vehicle generator started in
excitation when a voltage at said input terminal exceeds a
predetermined value, wherein

25 said light emitting element is lightened by a current

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which is inputted into said input terminal for starting an operation of said voltage control apparatus.

3. The voltage control apparatus for a vehicle generator
5 according to claim 2, wherein

said light emitting element is coupled through said
ignition switch to a base terminal of an NPN transistor for
starting an operation of said voltage control apparatus so that
said light emitting element is turned on by a current flowing
10 into said base terminal.

4. A voltage control apparatus for a vehicle generator
comprising:

an input terminal for inputting a voltage of a battery
15 through an ignition switch and a light emitting element
connected in series with said ignition switch and driven by a
low dissipation power,

a rotor coil of said vehicle generator started in
excitation when a voltage at said input terminal exceeds a
20 predetermined value, and

a circuit for detecting the voltage of said input terminal
and starting said voltage control apparatus is arranged to be
shutdown after said vehicle generator starts electric power
generation operation.

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